



PATIENT PRESENTING CLINICAL SIGNS

Serry Lehnen
SPECIES Canine
BREED Welsh Spr Spaniel
SEX Intact Female
AGE 11
WEIGHT 45

History: Intact female that used to be a breeding bitch, and has had multiple litters. Throughout all her past estrous cycles, her vulva/vaginal swelling seen on the perineum was never this swollen. It was first noted 3 weeks ago, and it still is significantly swollen at time of AUS on 12/12. Seems to be acting fine otherwise. Abnormal PE/Chem/CBC/UA Results: While PE was normal for an in estrous female in comparison to other dogs, this is excessive per O for her.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and visible portion of the proximal urethra are normal.

The left kidney is normal in size (5.40 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney is normal in size (6.26 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The cranial pole of the left adrenal gland is visualized and is enlarged (1.44 cm in width), and is subjectively hyperechoic-to-heterogenous, with loss of glandular detail. Surrounding vasculature appears normal.

The region of the right adrenal gland is evaluated. No obvious pathology is observed in this region.

Spleen

The spleen is normal in size (1.73 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion.

The gallbladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

The lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

INTERPRETED BY
 Andrea Nicastro, DVM,
 Diplomate ACVIM
 (Small Animal Internal
 Medicine)

IMAGING PERFORMED BY

John Sampson

HOSPITAL NAME

Richboro VH

REFERRING VET

John Sampson

INVOICE

22263

DATE

12-14-25



PATIENT

Serry Lehen

Lymph Nodes

The abdominal lymph nodes are normal/not visible.

SPECIES

Canine

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion.

BREED

Welsh Spr Spaniel

Other

The left ovary is visualized and is subjectively normal in size (1.43 x 1.30) with a normal shape. At least three anechoic structures are observed within the parenchyma.

SEX

Intact Female

The right ovary is visualized and is subjectively normal in size (right: 1.88 x 1.41) with a normal shape. At least one anechoic structure is observed within the parenchyma.

The uterine body is visible and is 1.75 cm in width. No obvious pathology is observed.

AGE

11

WEIGHT

45

ULTRASONOGRAPHIC FINDINGS

- Prominent uterine body. Patient suspected to be in estrus
- The anechoic structures in the ovaries may represent normal corpus lutea or ovarian cysts.
- Enlarged cranial pole of the left adrenal gland. Differentials include hyperplasia, emerging adenocarcinoma, pheochromocytoma, adrenalitis, other (the right adrenal gland is not definitively visualized.)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Consider an ovariohysterectomy to negate the risk of pyometra in the future.
- Given the swollen vulva, consider a vaginal examination, along with urinalysis and culture and sensitivity.

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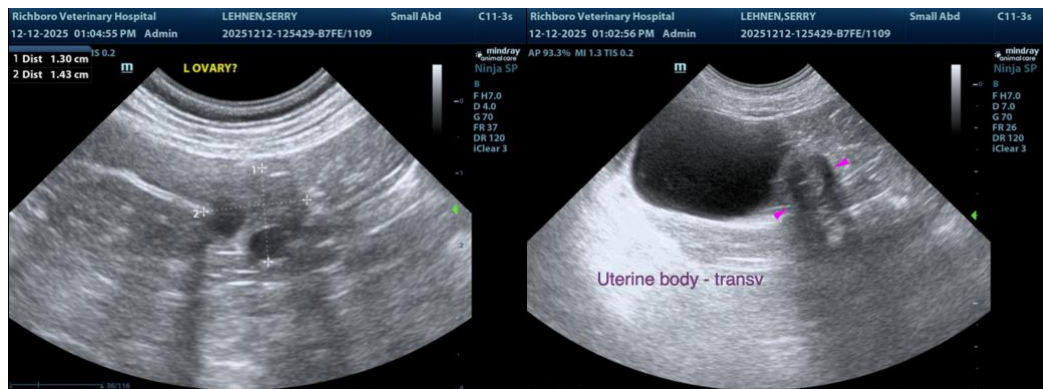
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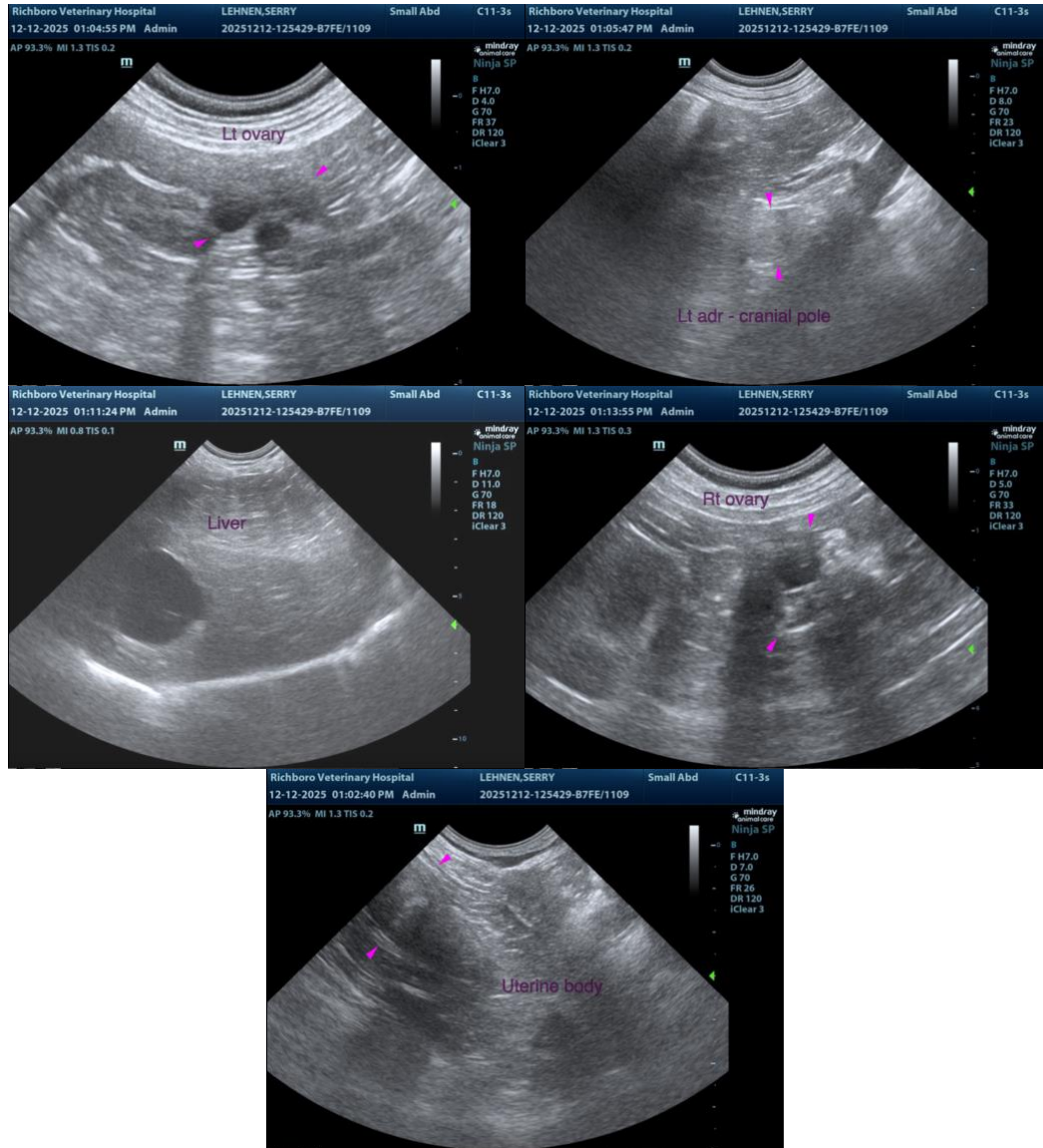
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

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